

CLAIMS

1. A square-sectioned synthetic resin container comprising a body having a square cross-section defined by four corner pillar portions and four flat walls joining the adjacent pillar portions, said body being provided with a waist for dividing the
5 body into at least upper and lower sections, wherein:
 said waist comprises a circumferential groove having a trapezoidal profile that protrudes convexly inwards of the container; and
 said groove has an arcuate groove wall at least at said pillar portion.
2. The container according to claim 1, wherein said arcuate profile of the
10 groove wall has a constant radius of curvature R.
3. The container according to claim 1 or 2, wherein said pillar portion has an inflection at a transition to said waist, said inflection having an arcuate profile that projects convexly outwards.
4. The container according to any one of claims 1 to 3, wherein said
15 container has thinned walls.
5. The container according to claim 4, wherein, with reference to the container having a volume of 500 ml, the amount of the synthetic resin used is about 26.5 g.